The interface to I/O device

File system

Memory

Device

File

Device driver

driver

new

old
File

```plaintext
0 1 2 3 ...
```

End

what is a file?

5 named, each

5 random 5-byte sequences

$signature$
Complex system

Linux

UNIX

A real file system
?-node -> one per flu

12

?-

?-

?-


?-

?-

?-

?-

?-

?-
ode <-> fixed/shift
Pre C

1000 million

[1K, 1K]"1K" block

block

data block

double indexed
one inole per file

insert

insert

$\text{inele} \times 0$
The correct answer is drawn by difference.
\[ Q = 0 \]

is a flat where \( p \)-span.

(Precondition)

\[ \rightarrow \]

Root of top directory
also close, ioctl, fork, & man of

echo -n "write - read - open"

file system calls
unless \( P_k = \text{keyboard/numeric} \)

\[
\text{num} = n \rightarrow \text{next}
\]

\[
\text{of byte}
\]

\[
\text{of byte}
\]

\[
\text{num = read (file, buffer, n)}
\]

\[
\text{amount of m}
\]
L'incensé

Le feu révère

Au sein désert

Le dieu invisible

L'âme se consume en

L'âme se consume en
Diecezja 1001

Pierwsza

Suchy

Dzień

Symo in

decyzja
4 sense output

Is keyboard connected?

Is network connected?

Is peripheral connected?

Device does work on

Open/close/swap/combine